

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	222	((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))) and ((mirror\$3 or reflect\$4 or deflect\$4) with (hol\$2 or apertur\$3 or pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or iris\$2 or diaphragm\$3)) and ((temperatur\$2 or thermal\$ or heat\$4) with (refract\$4 near4 (indi\$3 or inde\$3)))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/23 12:25
L4	6	(((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))) and ((mirror\$3 or reflect\$4 or deflect\$4) with (hol\$2 or apertur\$3 or pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or iris\$2 or diaphragm\$3)) and (refract\$4 near4 (indi\$3 or inde\$3))).clm.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/23 12:27
L5	21	(((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))) and ((mirror\$3 or reflect\$4 or deflect\$4) with (hol\$2 or apertur\$3 or pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or iris\$2 or diaphragm\$3))).clm.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/23 12:28
S1	11748	(thermal\$ near3 (lens\$2 or refract\$))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 14:28
S2	887	S1 and ((absorp\$5 or absorb\$5) near5 (film\$2 or layer\$3 or coat\$4))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 14:28
S3	219	S2 and ((reflect\$5 or deflect\$ or mirror\$3) with (pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or apertur\$3 or iris\$2 or open\$3 or diaphragm\$2 or hol\$2))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 14:29
S4	206	S3 and wavelength\$2	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 14:30
S5	6277	(thermal\$ adj3 (lens\$2 or refract\$))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 15:08

## EAST Search History

S6	430	S5 and ((absorp\$5 or absorb\$5) near5 (film\$2 or layer\$3 or coat\$4))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 14:28
S7	100	S6 and ((reflect\$5 or deflect\$ or mirror\$3) with (pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or apertur\$3 or iris\$2 or open\$3 or diaphragm\$2 or hol\$2))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 15:13
S8	92	S7 and wavelength\$2	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 19:41
S9	294	(thermal\$ adj2 (lens\$2 or refract\$ or foc\$5)) and ((absorp\$5 or absorb\$5) near5 (film\$2 or layer\$3 or coat\$4)) and wavelength\$2	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 16:02
S10	78	S9 and ((reflect\$5 or deflect\$ or mirror\$3) with (pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or apertur\$3 or iris\$2 or open\$3 or diaphragm\$2 or hol\$2))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 19:40
S11	39	("20020126732"   "20040085540"   "20040196466"   "20040233449"   "20050062971"   "4193690"   "4521118"   "4720176"   "4750822"   "4752140"   "4790664"   "4872743"   "4938593"   "5074669"   "5159412"   "5228776"   "5243983"   "5258612"   "5408327"   "5513006"   "5619326"   "5645351"   "5657119"   "5667300"   "5706094"   "5963577"   "5974020"   "6271921"   "6304541"   "6375347"   "6490309"   "6504618"   "6515284"   "6522413"   "6560478"   "6614532"   "6756591"   "6795180"   "6891618").PN.	US-P6PUB; USPAT; USOCR	OR	ON	2006/11/02 15:20
S12	131	(thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) and ((absorp\$5 or absorb\$5) near5 (film\$2 or layer\$3 or coat\$4)) and ((reflect\$5 or deflect\$ or mirror\$3) with (pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or apertur\$3 or iris\$2 or open\$3 or diaphragm\$2 or hol\$2))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 18:12
S13	79	((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) with switch\$4)	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 19:10
S14	14	("3408131"   "3434779"   "3492492"   "4190811"   "4208094"   "4239330"   "4304460"   "4352982"   "4365862"   "4408831"   "4455643").PN.	US-P6PUB; USPAT; USOCR	OR	ON	2006/11/02 18:29

## EAST Search History

S15	111	(thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) and ((control\$4 or controll\$4) with wavelength\$2) and ((absorp\$5 or absorb\$5) near5 (film\$2 or layer\$3 or coat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 19:33
S16	5010	(thermal\$ adj2 (lens\$3 or refract\$ or foc\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 16:43
S17	623	S16 and ((reflect\$5 or deflect\$ or mirror\$3) with (pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or apertur\$3 or iris\$2 or open\$3 or diaphragm\$2 or hol\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 19:40
S18	464	S17 and wavelength\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 13:20
S19	2	("4585301").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/03 13:20
S20	54	(self?focus\$4 or (self near3 focus\$4)) and ((absorp\$5 or absorb\$5) near5 (film\$2 or layer\$3 or coat\$4)) and ((reflect\$5 or deflect\$ or mirror\$3) with (pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or apertur\$3 or iris\$2 or open\$3 or diaphragm\$2 or hol\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 15:52
S21	7661	(thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 19:01
S22	152	S21 and (optic\$4 with path\$4 with switch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 16:44
S23	25	((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))) and ((reflect\$5 or deflect\$ or mirror\$3) with (pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or apertur\$3 or iris\$2 or open\$3 or diaphragm\$2 or hol\$2))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 18:47

## EAST Search History

S24	15	((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))) and ((absorp\$5 or absorb\$5) near5 (film\$2 or layer\$3 or coat\$4)).clm.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 18:47
S25	9041	((359/614) or (359/652) or (359/653) or (359/654) or (359/655) or (359/665) or (359/666) or (359/667) or (359/721) or (359/738) or (359/739) or (359/740) or (359/629) or (359/633) or (359/636) or (359/638) or (359/240) or (359/241) or (359/244) or (359/288) or (359/289) or (359/298) or (359/299) or (359/321) or (359/322) or (398/43) or (398/45) or (398/55) or (398/56) or (398/57)).CLS.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/03 19:01
S26	106	S25 and ((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4)))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 19:02
S27	9221	((359/614) or (359/652) or (359/653) or (359/654) or (359/655) or (359/665) or (359/666) or (359/667) or (359/721) or (359/738) or (359/739) or (359/740) or (359/629) or (359/633) or (359/636) or (359/638) or (359/240) or (359/241) or (359/244) or (359/288) or (359/289) or (359/298) or (359/299) or (359/321) or (359/322) or (398/43) or (398/45) or (398/55) or (398/56) or (398/57)).CLS.	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/02/22 17:20
S28	107	S27 and ((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4)))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 20:10
S29	391	S27 and (((temperatur\$2 or heat\$4 or thermal\$) adj4 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4)))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 19:57
S30	48	S29 and ((mirror\$3 or reflect\$4 or deflect\$4) with (hol\$2 or apertur\$3 or pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or iris\$2 or diaphragm\$3))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 18:50
S31	2	("4994672"   "5121246").PN.	US-P6PUB; USPAT; USOCR	OR	ON	2007/02/22 18:17
S32	8	S29 and (mirror\$3 or reflect\$4 or deflect\$4) and ((divergen\$ or convergen\$) with (adjust\$4 or alter\$4 or chang\$5 or switch\$4)) and (absorb\$4 or absorp\$4)	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 19:01

## EAST Search History

S33	155	S29 and (mirror\$3 or reflect\$4 or deflect\$4) and (absorb\$4 or absorp\$4)	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 19:40
S34	3488	((temperatur\$2 or heat\$4 or thermal\$) adj4 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))) and ((mirror\$3 or reflect\$4 or deflect\$4) with (hol\$2 or apertur\$3 or pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or iris\$2 or diaphragm\$3))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 19:58
S35	150	S34 and ((divergen\$ or convergen\$) with (adjust\$4 or alter\$4 or chang\$5 or switch\$4)) and (absorb\$4 or absorp\$4)	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 20:12
S36	838	((thermal\$ adj2 (lens\$3 or refract\$ or foc\$5)) or (self?focus\$4 or (self near3 focus\$4))) and ((mirror\$3 or reflect\$4 or deflect\$4) with (hol\$2 or apertur\$3 or pinhol\$3 or pin?hol\$3 or (pin near3 hol\$3) or iris\$2 or diaphragm\$3))	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/23 12:10
S37	384	S36 and (divergen\$ or convergen\$ or focus\$4 or defocus\$4 or de?focus\$4) and (absorb\$4 or absorp\$4) and wavelength\$2	US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/02/22 20:13